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MONSANTO

From: Gordon A. Grundmann CS6G Corporate Engineering (4-6112)

Date: May 28, 1985 cc: D.R. Bowers CS6G
L.V. Bumbicka 1740*
Subj: Project Progress Meetings R.M. Calles CS6G
M.A. Coco Alberici
Re: CEA 3808 - Main South Trunk Sewer R.J. Geile CS6G
E.R. Hartman CS6G
TO: J.J. Beckerle Alberici P.R. Hoemann 1740
W. Bodine Alberici L.C. Kreh F2ED
T.N. Carrico 1740* F.A. Mayse CS6G
W.C. Koester Alberici* B.W. Steketee 1740
K.W. Lichtenheld CS6G* R.L. Wiese CS6G
C.J. Lotz Alberici*
R.L. Nelson 1740* *Present at meeting
K.W. Petterson 1740*
O.N. Shipley 1740*

Following are minutes of the meeting held at the CED
construction trailers on 05/16/85 and 05/23/85 at 10:00 a.m.

1. Construction Progress

- a. Site cleaned up for May 23 inspection.
- b. Exterior coal tar epoxy coating complete on manholes 1-AA, 1-BB and 1-CC.
- c. Backfilling in progress around manholes 1-AA, 1-BB, 1-CC, and in the trenches just beyond 1-CC. Fabric and rock ready to be-placed for final portion of backfill.
- d. Work continuing on installing the 8" and 12" VCP laterals L-34 and L-35. Two leaks found on last test. When these laterals are completed into manhole 1-BB, installation of the internal membranes and brickwork can begin.
- e. Adding epoxy to manhole 1-DD preparatory to water test scheduled for the week of 05/27.
- f. Retest of the 42" VCP joint between 1-CC and 1-DD failed the hydro test. Extra heating to insure the joint is dry plus sandblasting will be performed on the next repair.
- g. Soldier beams have been driven past 1-EE to 2-AA to 2-BB. Also piles are driven from 2-AA to 2-EE. Obstructions found at 2-EE.

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- h. Work stopped between manholes 1-EE and 2-AA at location where contaminated soil has been found. Testing is in progress.
- i. Alberici has been advised that digging can begin at manhole 2-AA.
- j. Alberici ordering materials required for T-1 jumper. Shipley to give one-week notice for timing to begin this work as it will affect storeroom BBZ. Carrico to work with safety to insure that sewer entries are made per plant safety standards.

2. Test Procedure

Lichtenheld to issue Testing Procedure for VCP and Manholes.

3. Contaminated Soil Procedure

An addendum to the original soil handling procedure published last September will be issued by Lichtenheld. This procedure comprehensively covers the handling of contaminated soil.

4. Acid Brickwork

Manholes 1-CC and 1-DD will soon be ready for the installation of membranes and acid brickwork. Lichtenheld and Nelson to clarify and/or issue additional procedures to the specifications as required.

Concern was expressed over the conditions of the existing pipe passing through 1-DD. It is feared that the pipe may crack during the chipping away of the concrete encasement. Fluming may be required.

5. Manhole 3-BB to 3-EE

Lichtenheld and Shipley to clarify and write procedure on care of flow, tie-ins, etc., for this last portion of the sewer line so advance planning can be accomplished.

6. BI Building

The first three bays of this building will be torn down by June 8 at the latest.

7. Schedule

Schedule reviews and updates have been in progress for several weeks.

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Alberici to assemble a list of the items which have caused delay to the sewer progress such as benzene unloading, the ACL tunnel, etc., and the time lost by each of these operations.

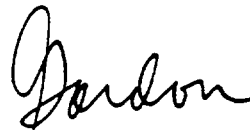
After a review of options, it appears the only feasible way to improve the schedule is to open up additional trench.

Three options were considered and are to be reviewed as to their effect on reducing the schedule as well as their effect on cost.

8. Miscellaneous

- a. Additional room to store the excavated soil is required. Nelson
- b. Since the sewer was designed, a shed has been erected over lateral L-73. Reference drawing C7. Nelson and Lichtenheld to review and propose a solution.
- c. Manhole 2-EE moved back to original location to avoid interference with 42" line encasement.
- d. Manhole 3-EE. Nelson and Lichtenheld to review location which could cause interference with the 42" line due to the sharp angle.
- e. Alberici advised that if they find items such as suspicious drums, etc., in the trench, they are to stop all work and notify CED who in turn will notify plant personnel.
- f. Core drilling ahead on the project has been done to attempt to anticipate potential pockets of contaminated soil.

The next progress meeting will be held at the CED construction trailers at 9:30 a.m. on Thursday, May 30, 1985. All Monsanto project personnel are to meet prior to this meeting at 8:30 a.m.



Gordon A. Grundmann

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